SR-2818&SR-1009XX full touch RGBW remote controller User Manual

Remote: SR-2818

Receiver: SR-1009FAWi

Note: SR-2818 can control Wifi receivers(e.g.: SR-1009FAWI) for WIFI and RF control.
RF receivers (e.g.: SR-1009FA) can work with WIFI transmitter SR-2818WITR for WIFI and RF control.

1.Brief introduction

SR-2818 RGBW remote controller is full touch remote controller which has 8 different zones. It can get Red/ Green/ Blue/ White color directly. The remote controller can save up to 8 colors or 8 modes into corresponding buttons (1-8 buttons) for each zone. You can choose any color through color wheel. There is a USB port to charge internal battery.

2.Performance Parameter

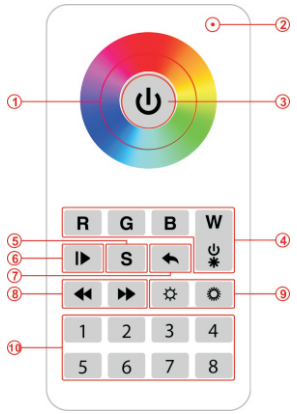
2.1 Sender: (SR-2818)
Operation voltage: 3.6VDC
Operation frequency: 434MHZ / 868MHZ
Battery: Lithium battery.

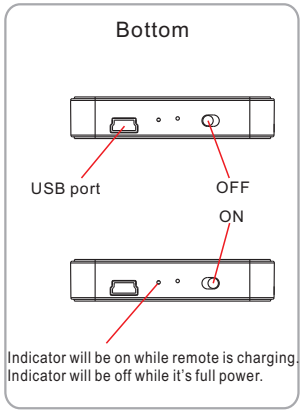
2.2 Receiver: (SR-1009FA/ SR-1009F3/ SR-1009F7))
Input voltage: 12-36VDC
Output voltage: 12-36VDC
SR-1009FA/SR-1009FAWI: 4 channels x 5A, 4channels x (60-180W)
SR-1009FA3/SR-1009FA3WI: 4 channels x 350mA, 4 channels x (4.2-12.6W)
SR-1006FA7/SR-1009FA7WI: 4 channels x 700mA, 4 channels x (8.4-25.2W).

2.3 Transmitter:(SR-2818WITR)
Operation voltage: 12VDC
WIFI-RF transmitter ,one piece can control multiple receivers SR-1009FA,SR-1009FA3,SR-1009FA7 to multiple zones control.

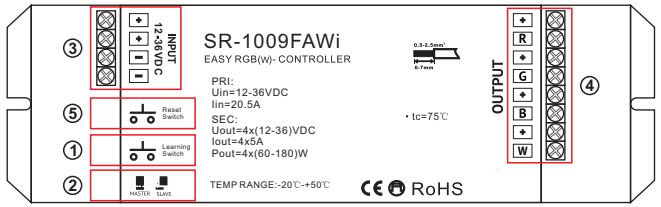
3.Brief introduction of buttons

① Color wheel
② Indicator
③ ON/OFF button
④ R/G/B/W button
⑤ Save color button
⑥ Play & Pause button
⑦ Return previous status button
⑧ Speed down & speed up button
⑨ Brightness button
⑩ Zone button

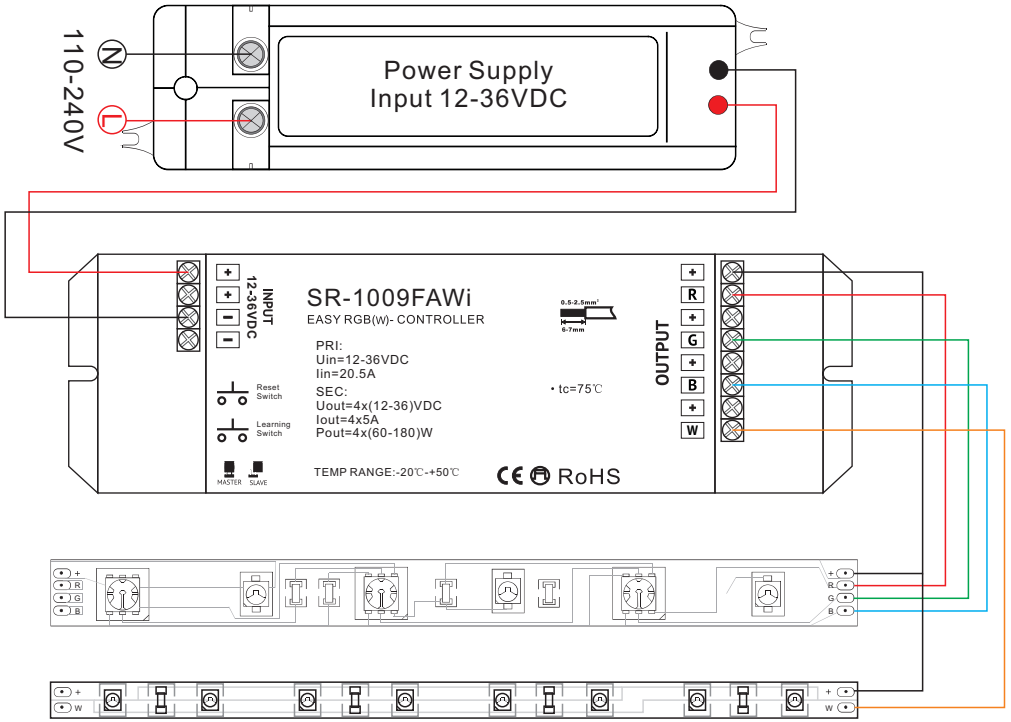




① Learning button
② Jumper
③ 12-36VDC input
④ 4 channels output
⑤ Press 3 seconds, release, the wifi module will restore to factory settings (only for SR-1009FAWi SR-1009FA3Wi,SR-1009FA7Wi)



4.Wiring Diagram



5.Operation

1. Do wiring according to connection diagram
2. Learning process
   a. Wake up the remote control by touching ON/OFF button.
   b. Press at learning button on receiver.
   c. Touch any zone button on remote control.
   d.Then touch color wheel.
   e.Connected LED light will blink to confirm zone designation.
   f . Press at learning button on receiver over 5 seconds until LED light flash, then delete the learned ID.

Note: To choose a master from slaves by jumper for each zone.
Short circuit for master.
Open circuit for slave.

Each zone only can set 1 slave to be master. After a period of time, the master will do synchronization operation to keep the same color or mode of all slaves in one zone.

3. Touch R G B W button is to switch on/off of each corresponding color.

Hold your finger on R G B W button to dim brightness of each corresponding color. There are total 8 levels of brightness.

Note: If you press R, then press G, then it is mix color of R and G. If you want to get G color directly, please press R to switch off of R first. Then press G.

4. Touch ▶II button is to play mode or do pause operation of mode. There are 10 build-in modes in this button.

5. Touch S button is for saving color or mode at 1-8 buttons. Each zone (Each receiver) can save 8 modes or 8 colors. Operation is show as below:

Choose zone number 1 2 3 4 5 6 7 8 ----> Touch ▶II button, mode is running -----> save favorite mode to button 1 2 3 4 5 6 7 8 in 1 zone-----> touch S (over 2 seconds) to save program into zone until the blue indicator on.

Choose zone number 1 2 3 4 5 6 7 8 ----> Touch color wheel to get favorite color -----> save favorite color to button 1 2 3 4 5 6 7 8 in 1 zone-----> touch (over 2 seconds) to save color into zone until the blue indicator on.

If you want to play your saved color or mode, choose zone number from 1 to 8, then touch S, then touch saved number in that zone. Then it will play.

6. Touch ↩ button to return previous color or running mode.

7. Touch ◀◀ button to speed down when mode is running, touch ▶▶ button to speed up when mode is running.

8. Touch ☼ button to dim down brightness of RGB channels, touch ☼ button to dim up RGB channels.
"W" channel is separated from RGB channels, so we can only long press W button to dimming "W" channel.

9. Touch 1 2 3 4 5 6 7 8 button one by one, such as press button 1,2,3,4,5,6, then press ▶II button, then saved color or mode in button 1,2,3,4,5,6 will run chasing mode one by one.

Other application

SR-2818WITR can convert RF signal to WIFI signal. Then it makes smart phone control SR-1009FA RF receiver. Via SR-2818WITR, one smart phone can control several RF receivers.

5.ISO or android system connection to the SR-1009XXWi

a.Open wifi connection setting interface, connect your phone to EASYCOLOR network.

b.Open EASYCOLOR installed on the phone , press to the setting interface, and enter the following:
SSID:EASYCOLOR
IP: 10.10.100.254 8899
Name: (the name you want or don't enter anything.)

c.Press button to turn it on ,and press button Back to back to the main operation interface.

d.The method of controlling SR-1009XXWi by the phone is the same as SR-2818.